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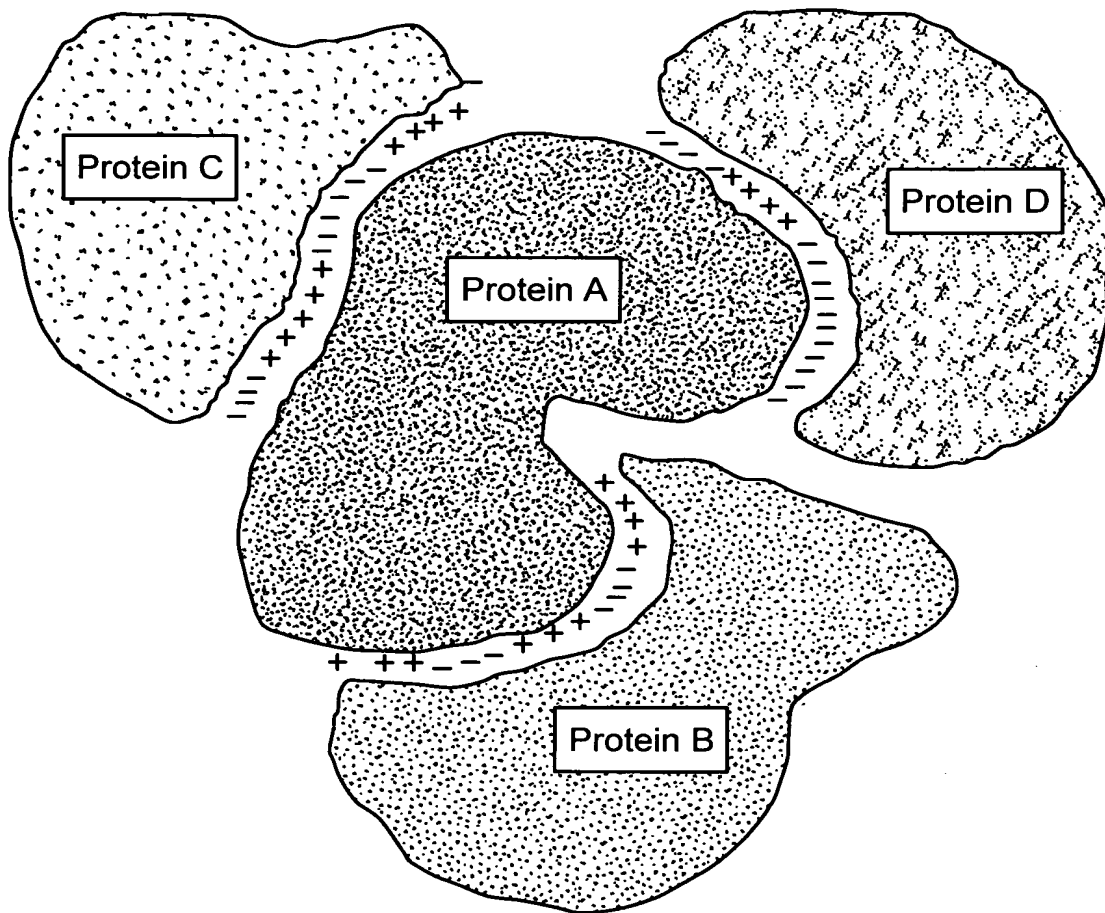
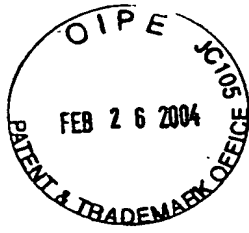


FIG. 1

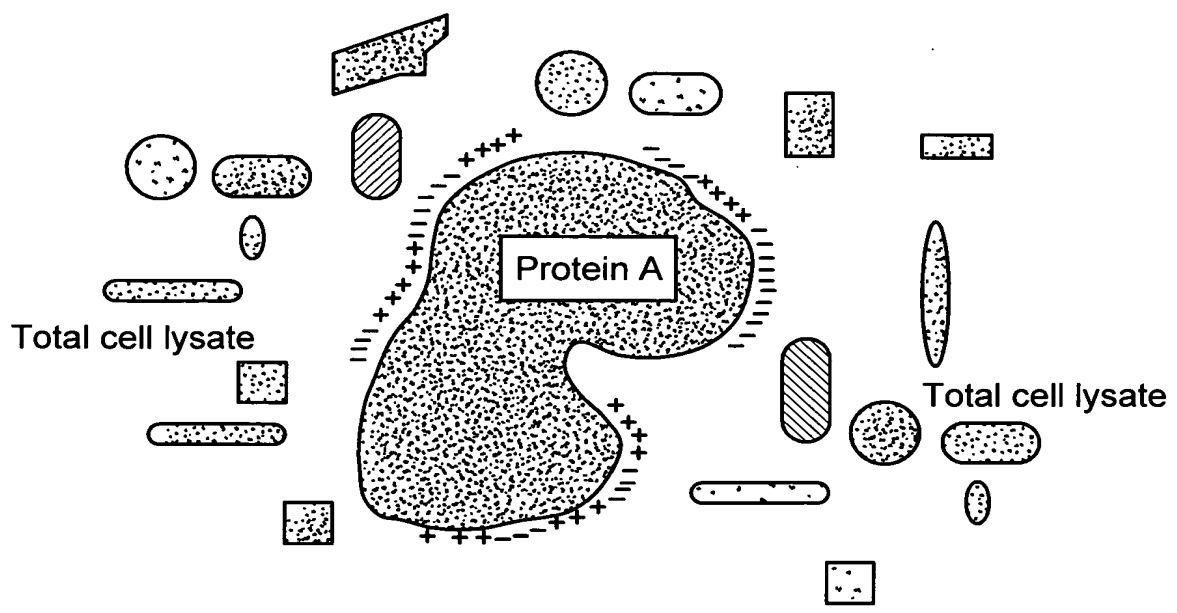


FIG. 2A

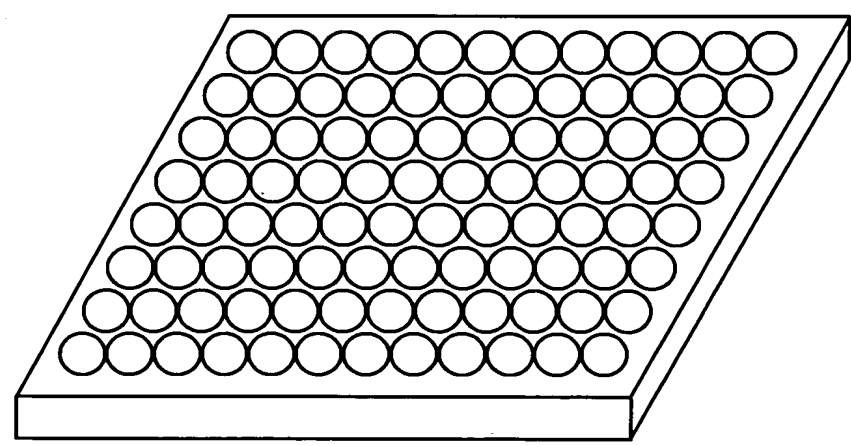


FIG. 2B



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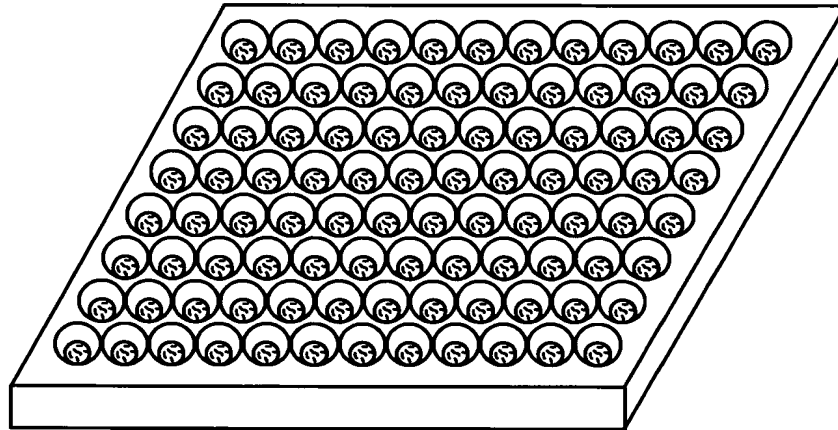


FIG. 2C

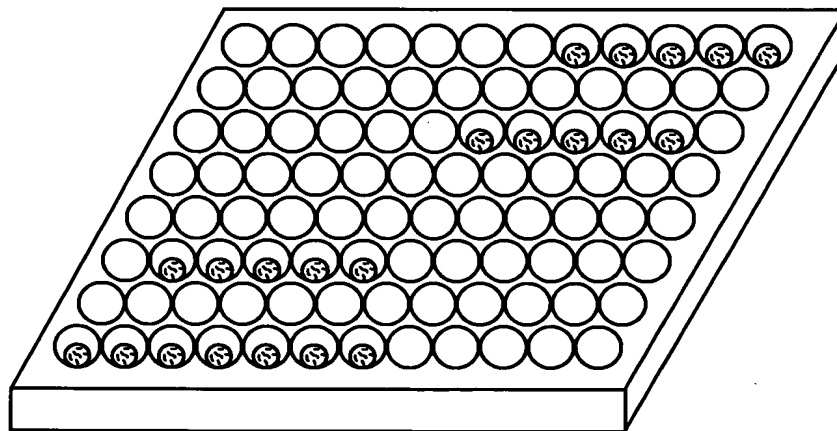


FIG. 2D

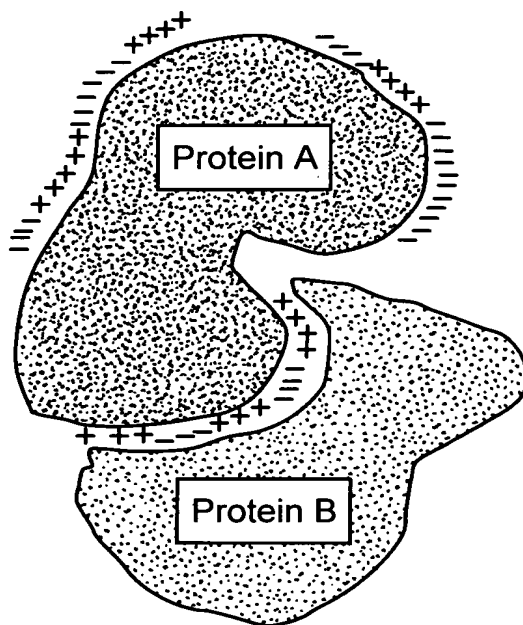


FIG. 3A

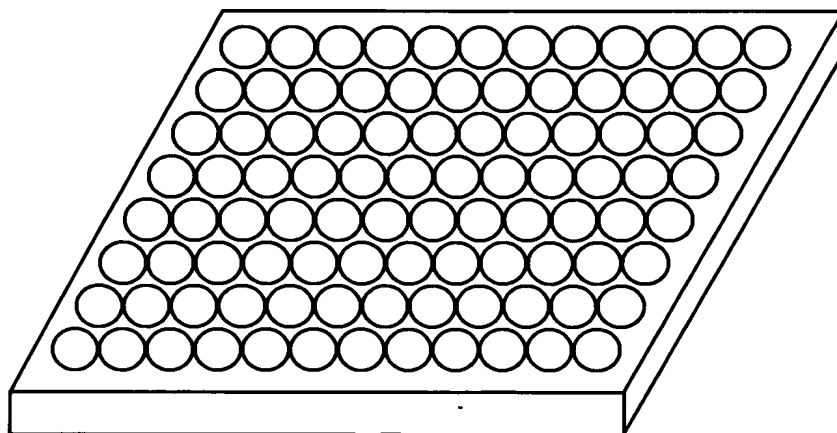


FIG. 3B

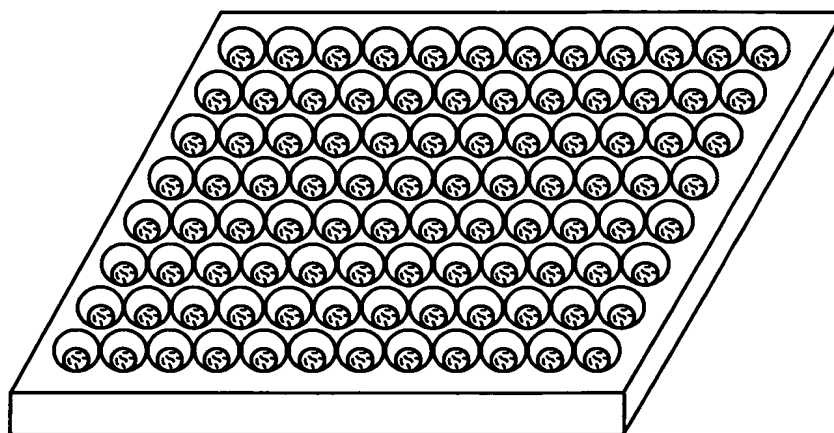


FIG. 3C

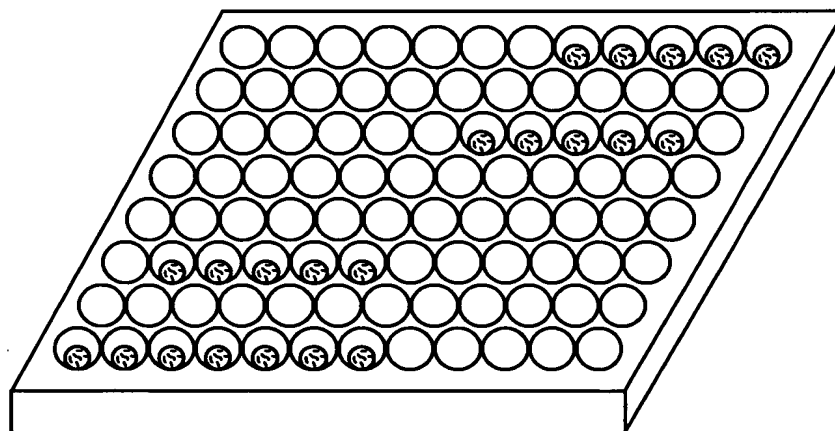


FIG. 3D

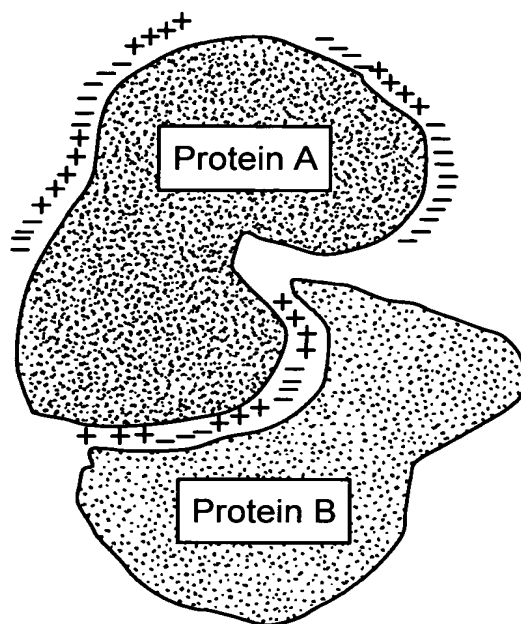


FIG. 4A

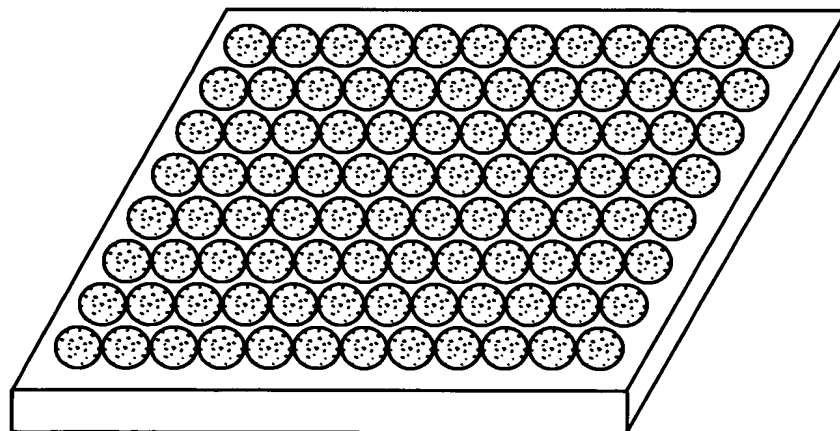


FIG. 4B

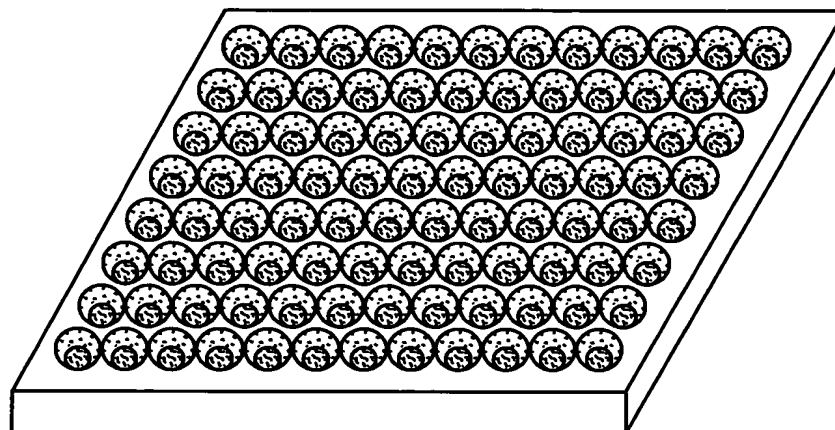


FIG. 4C

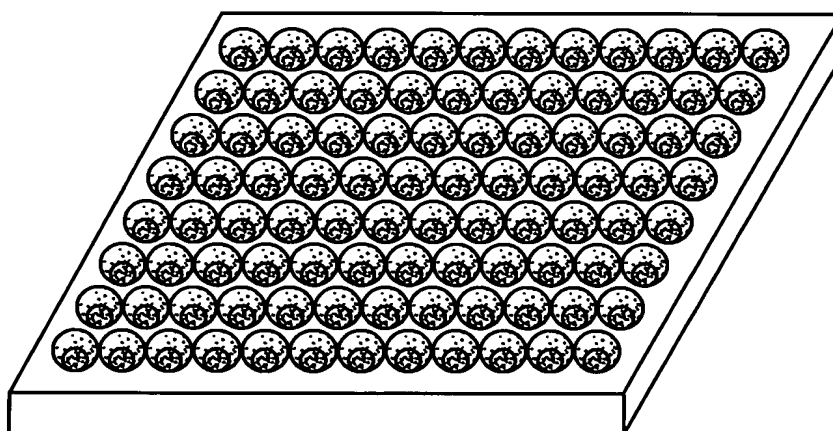


FIG. 4D

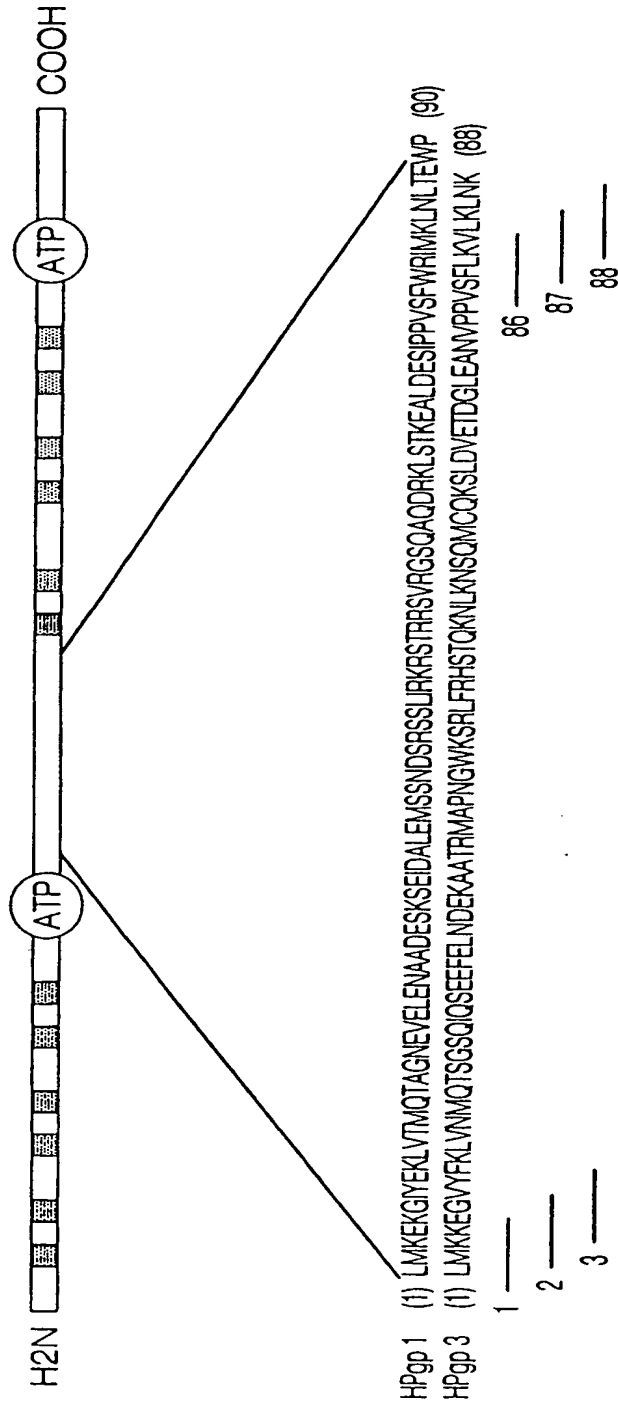


FIG. 5

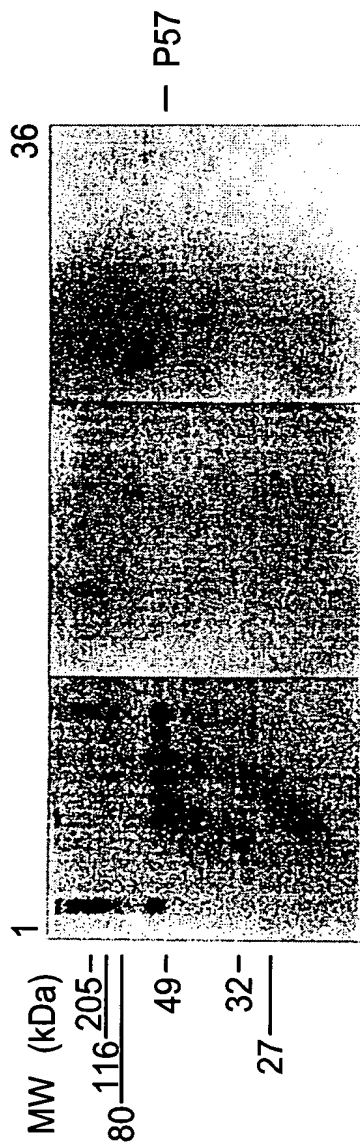


FIG. 6A

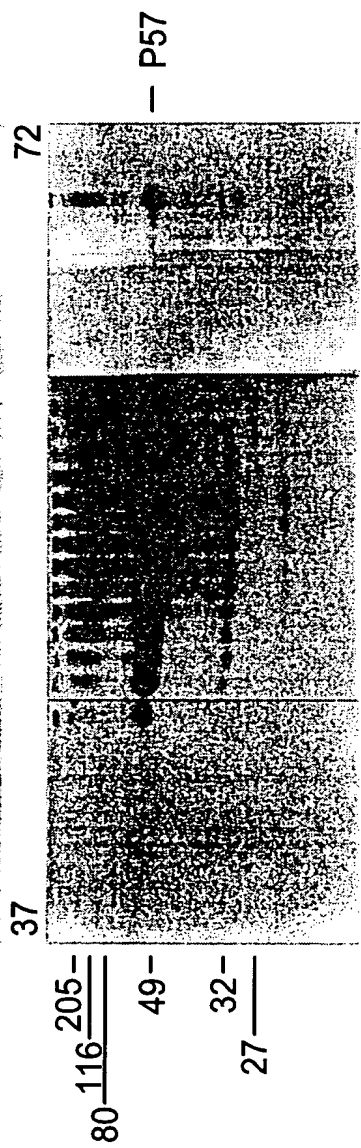


FIG. 6B

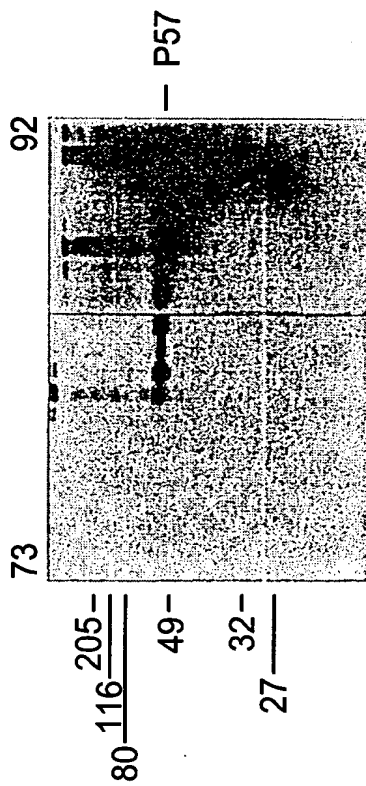


FIG. 6C

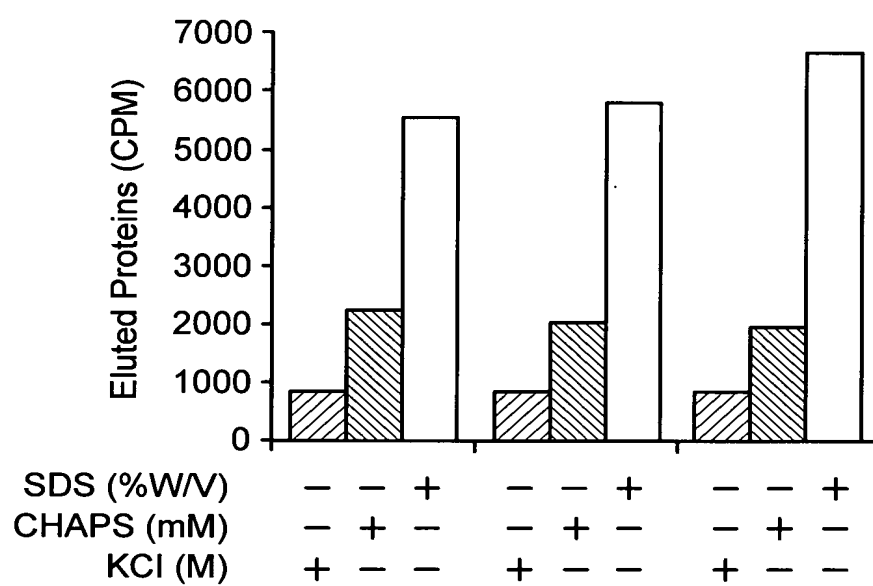


FIG. 7



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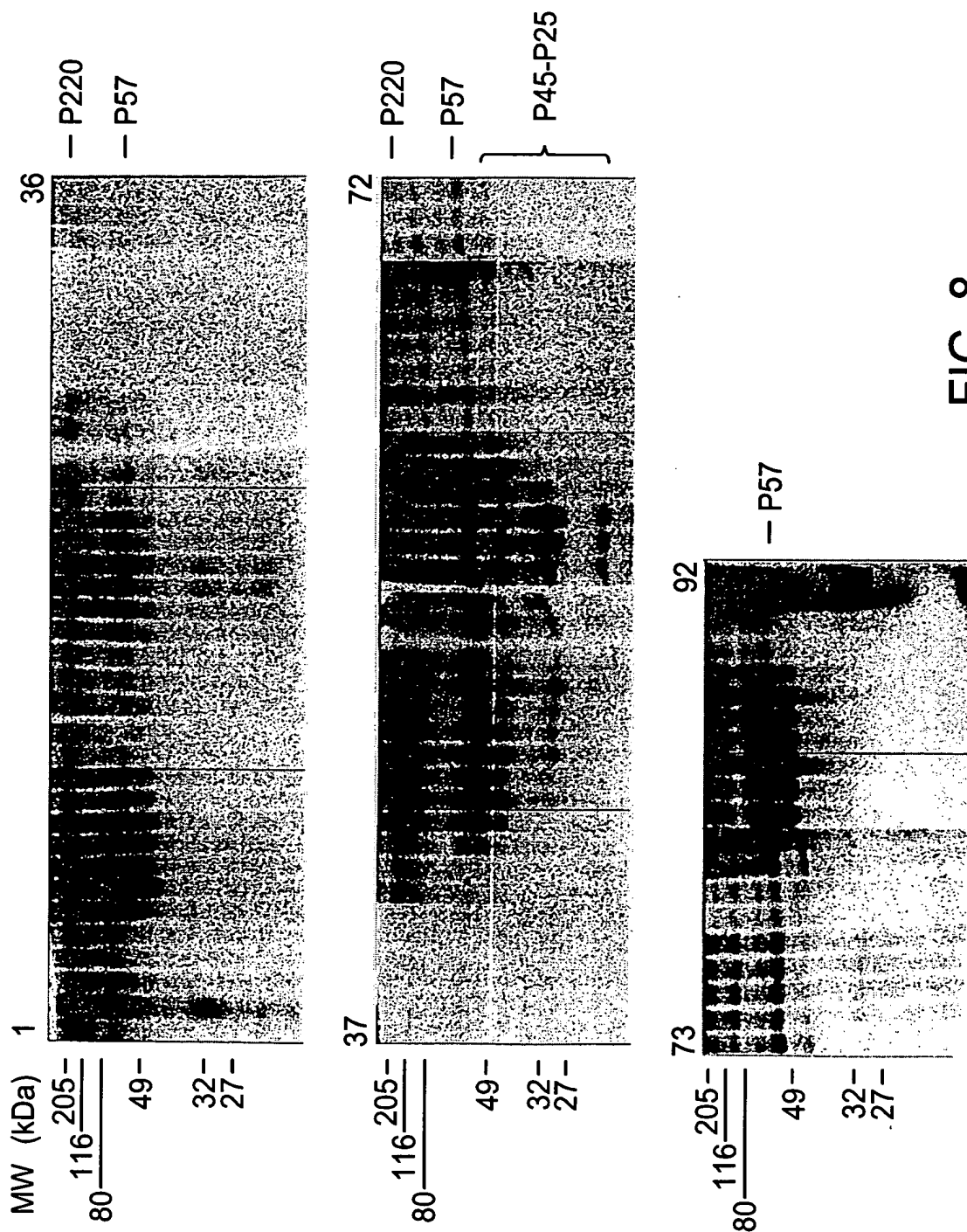


FIG. 8



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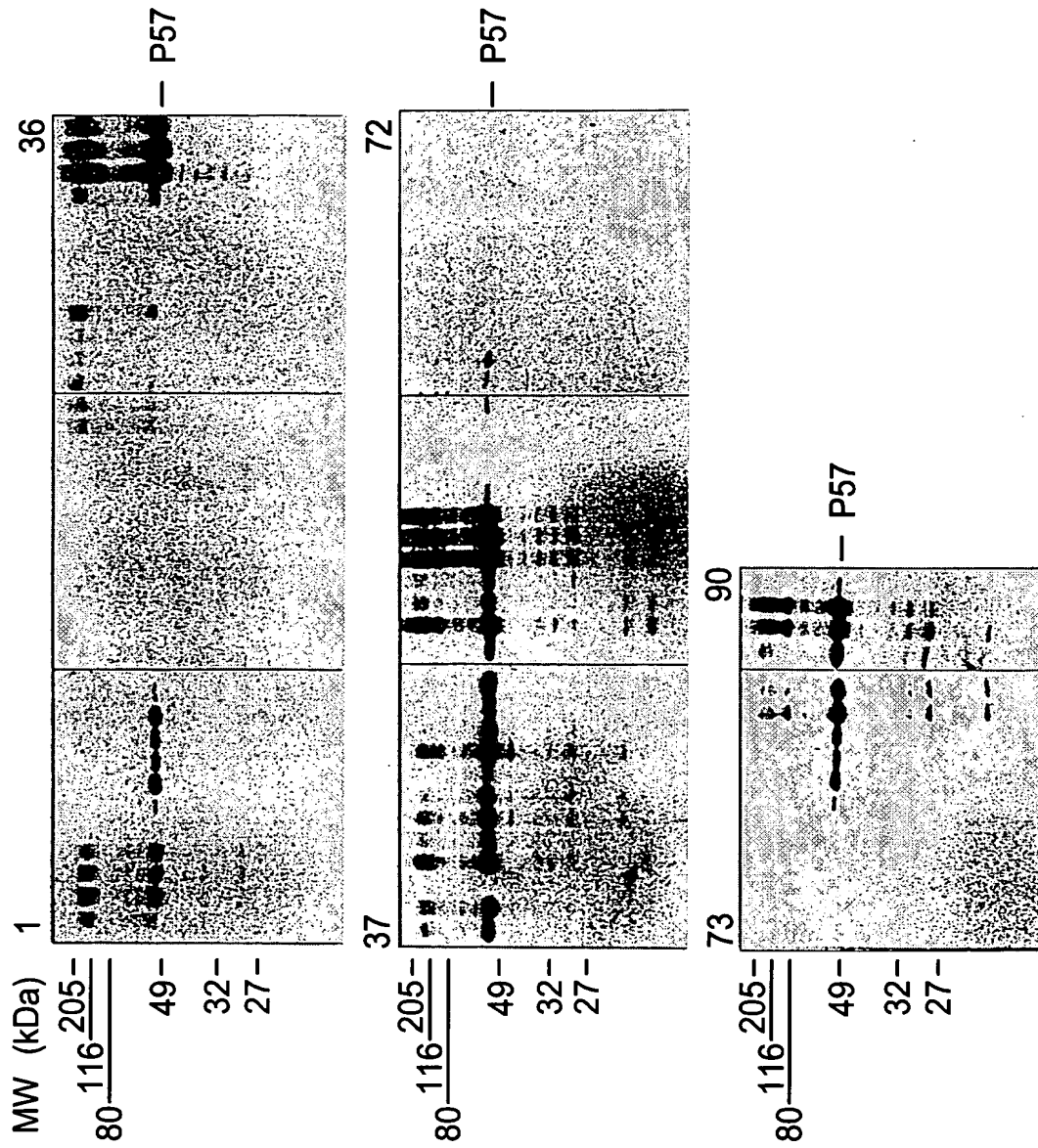
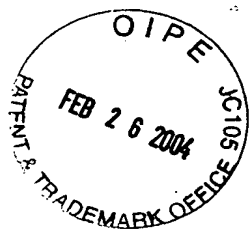


FIG. 9



Alignment Of Amino Acid Sequences Of Human P-gp3 And P-gp1
Linker Domains

618 LMKKEGYFKLVNMQTSGSQIQSEEF--ELNDEKAATRWAPNGHKSRLFR-HSTQKNLKN SQM 677 P-gp3

LMK++G+YFKLV MQT+G++++ E E E A M+ N +S L R ST+++++

615 LMKKEGYFKLVTMQTAGNEVELENAADESKSEIDALEMSSNDSRSLIRKSTRRSVRSQA 677 P-gp1

678 CQKSLDVETDGLANVPPVSFLKVLKLNKTEWP 710 P-gp3

+ L + + L+ ++PPVSF +++KLN TEWP

678 QDRKLSTK-EALDESIPPVSFWRIMKLNLTTEWP 709 P-gp1

FIG. 10

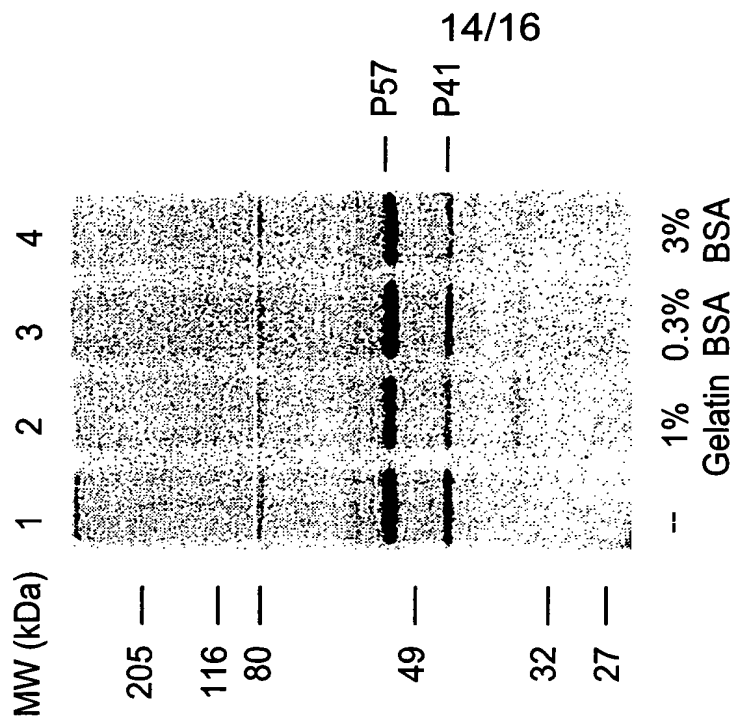
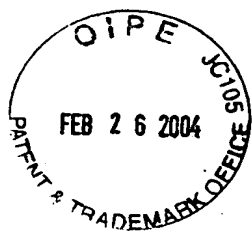


FIG. 12

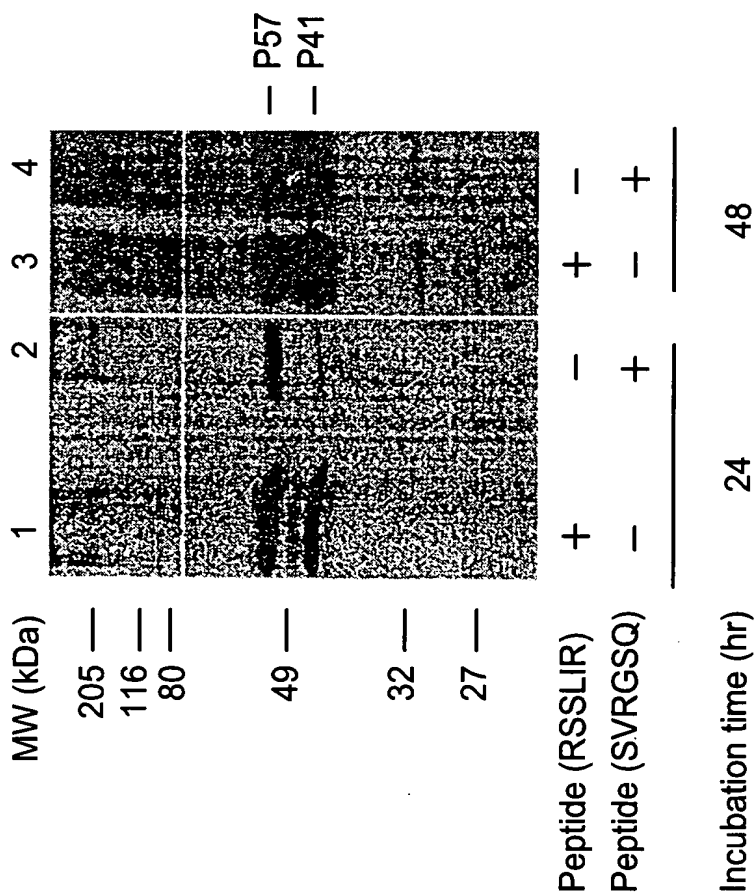
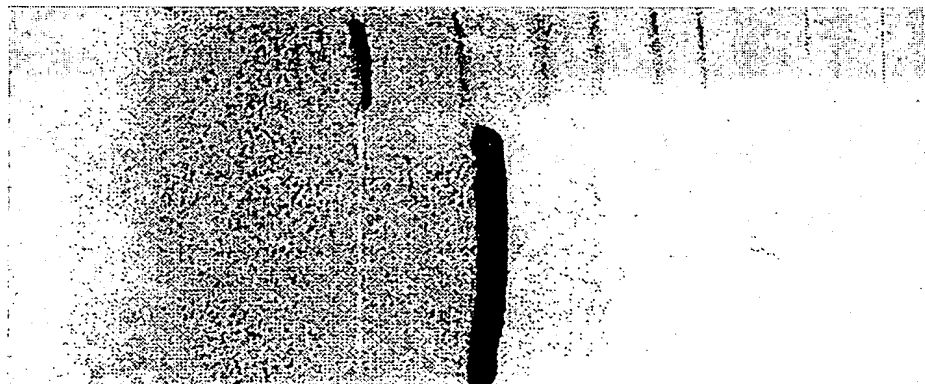


FIG. 11

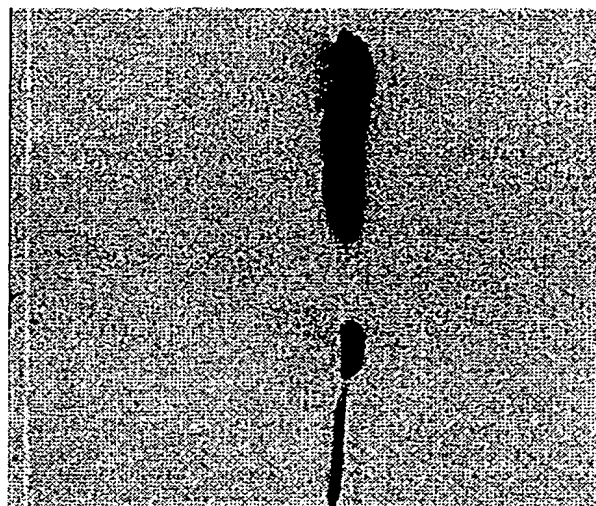


P57 Mr (kDa)



— 97
— 60
— 45
— 29
— 20
— 17
— 6.5

MW (kDa) 1 2 3 4



205 —
116 —
80 —
49 —
32 —
27 —

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Total cell Lysate

— + — +

P57

+ — + —

Anti-tubulin

alpha beta

FIG. 13

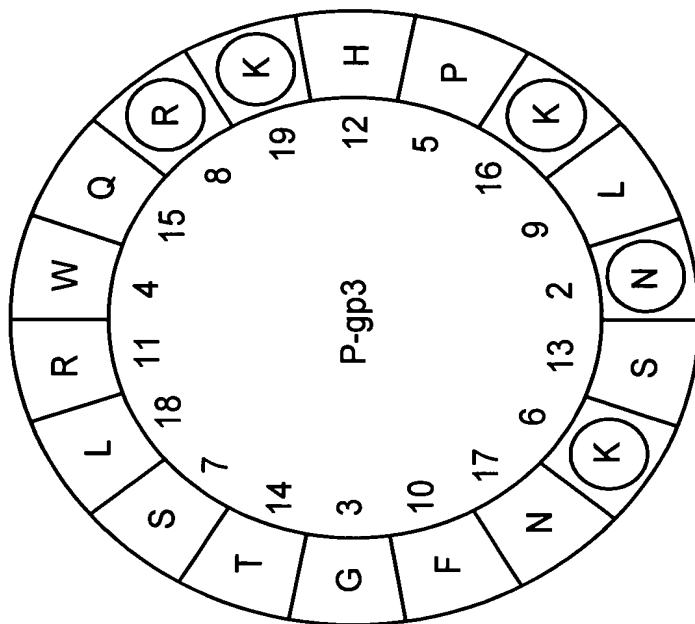
FIG. 14



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HELICAL WHEEL PRESENTATION

NGWKSRLFRHSTQKNLK



SRSSLIRKSTRRSVRGS

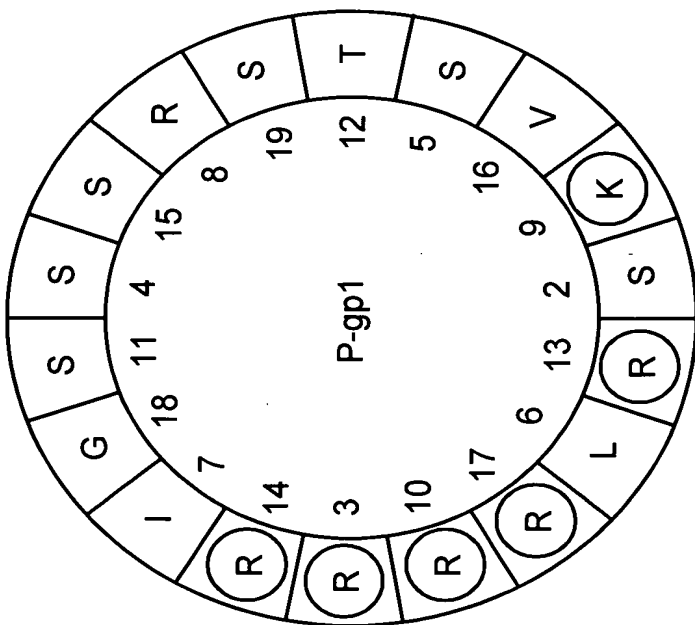


FIG. 15